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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	
Application Number	10/652,019
Filing Date	08/29/2003
First Named Inventor	Gregory R. Gingera
Art Unit	1638
Examiner Name	Kruse, David H.
Attorney Docket Number	1213EC

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.[1]	Document Number Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DK	A1	US- 5,545,821	08/13/1996	Wong et al.	
DK	A2	US- 5,387,758	02/07/1995	Wong et al.	
DK	A3	US- 5,773,702	06/30/1998	Penner et al.	
DK	A4	US- 5,767,368	06/16/1998	Sathasivan et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature	/David Kruse/ (05/30/2006)	Date Considered	05/30/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete if Known	
Application Number	10/652,019
Filing Date	08/29/2003
First Named Inventor	Gregory R. Gingera
Art Unit	1638
Examiner Name	Kruse, David H.
Attorney Docket Number	1213EC

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
DK	A5	MIKI et al., Transformation of *Brassica napus* canola cultivars with Arabidopsis thaliana acetohydroxyacid synthase genes and analysis of herbicide resistance, Theor. and Appl. Genet. (1990) 80:449-458.	
DK	A6	SWANSON et al., The characterization of herbicide tolerant plants in *Brassica napus* L. after in vitro selection of microspores and protoplasts, Plant Cell Reports (1988) 7:83-87.	
DK	A7	RUTLEDGE et al., Molecular characterization and genetic origin of the *Brassica napus* acetohydroxyacid synthase multigene family, Mol. Gen. Genet. (1991) 229:31-40.	
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DK	A9	HATTORI et al., DNA sequence relationships and origins of acetohydroxy acid synthase genes of *Brassica napus*, Can. J. Bot. (1992) 70:1957-1963.	
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DK	A11	NEWHOUSE et al., Tolerance to imidazolinone Herbicides in Wheat, Plant Physiol. (1992) 100:882-886.	
DK	A12	SPRAGUE et al., Common Cocklebur (*Xanthium strumarium*) Resistance to Selected ALS-Inhibiting Herbicides, Weed Technology (1997) 11:241-247.	
DK	A13	WRIGHT et al., In vitro and whole-plant magnitude and cross-resistance characterization of two imidazolinone-resistant sugarbeet (*Beta vulgaris*) somatic cell selections, Weed Science (1998) 46:24-29.	
DK	A14	SEEFELDT et al., Production of herbicide-resistant jointed goatgrass (Aegilops cylindrical) X wheat (Triticum aestivum) hybrids in the field by natural hybridization, Weed Science (1998) 46:632-634.	
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Sheet 3 of 3

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DK	A16	LEE et al., The molecular basis of sulfonylurea herbicide resistance tobacco, The EMBO Journal (1988) 7(5):1241-1248.	
DK	A17	LOVELL et al., Imidazolinone and Sulfonylurea Resistance in a Biotype of Common Waterhemp, Weed Science (1996) 44:789-794.	
DK	A18	FOES et al., A kochia (*Kochia scoparia*) biotype resistant to triazine and ALS-inhibiting herbicides, Weed Science (1999) 47:20-27.	
DK	A19	BING, D. J., Potential of Gene Transfer Among Oilseed *Brassica* and Their Weedy Relatives, Master's Thesis Work, University of Saskatchewan College of Graduate Studies and Research (1991)	
DK	A20	NEWHOUSE et al., Genetic Modification of Crop Research, American Chemical Society Symposium Series Managing Resistance to Agrochemicals (1988) 421:474-481.	

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Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	1213	09/522,798
	APPLICANT	
	Gingera, et al.	
(Use several sheets if necessary)	FILING DATE	GROUP
	March 10, 2000	1616

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DK	A1	5,545,821	8/13/96	Wong, et al.	800	230	
DK	A2	5,387,758	2/7/95	Wong, et al.	800	230	
DK	A3	5,773,702	6/30/98	Penner, et al.	800	230	
DK	A4	5,767,366	6/16/98	Sathasivan, et al.	800	300	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS *(Including Author, Title, Date Pertinent Pages, Etc.)*

DK	A5	Miki, et al., 1990, *Theoretical and Applied Genetics*, 80:449-458, "Transformation of *Brassica napus* canola cultivars with *Arabidopsis thaliana* acetohydroxyacid synthase genes and analysis of herbicide resistance"
DK	A6	Swanson, et al., 1988, *Plant Cell Reports*, 7:83-87, "The characterization of herbicide tolerant plants in *Brassica napus* L. after in vitro selection of microspores and protoplasts"
DK	A7	Rutledge, et al., 1991, *Mol. Gen. Genet.*, 229:31-40, "Molecular characterization and genetic origin of the *Brassica napus* acetohydroxyacid synthase multigene family"
DK	A8	Ouellet, et al., 1992, *Plant Journal*, 2:321-330, "Members of the acetohydroxyacid synthase multigene family of *Brassica napus* have divergent patterns of expression"
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DK	A10	Swanson, et al., 1989, *Theor. Appl. Genet.*, 78:525-530, "Microspore mutagenesis and selection: Canola plants with field tolerance to imidazolinones"

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DK	A14	Seefeldt, et al., 1998, *Weed Science*, 46:632-634, "Production of herbicide-resistant jointed goatgrass (*Aegilops cylindrica*) x wheat (*Triticum aestivum*) hybrids in the field by natural hybridization"
DK	A15	Harms, et al., 1992, *Mol. Gen. Genet.*, 233:427-435, "Herbicide resistance due to amplification of a mutant acetohydroxyacid synthase gene"
DK	A16	Lee, et al., 1988, *The Embro Journal*, 7:1241-1248, "The molecular basis of sulfonylurea herbicide resistance in tobacco"
DK	A17	Lovell, et al., 1996, *Weed Science*, 44:789-794, "Imidazolinone and sulfonylurea resistance in a biotype of common waterhemp (*Amaranthus rudis*)"
DK	A18	Foes, et al., 1999, *Weed Science*, 47:20-27, "A kochia (*Kochia scoparia*) biotype resistant to triazine and ALS-inhibiting herbicides"
DK	A19	Bing, D., 1991, M. Sc. Thesis, University of Saskatchewan, "Potential of gene transfer among oilseed brassica and their weedy relatives"
DK	A20	Newhouse, et al., 1988, *American Chemical Society Symposium Series Managing Resistance to Agrochemicals*, 421:474-482, "Genetic Modification of Crop Responses to Imidazolinone Herbicides"

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